

## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 09/853,622         | 05/14/2001          | Kazuhiko Hayashi      | NEC2370-US             |

CONFIRMATION NO. 7276

## FORMALITIES LETTER



\*OC000000006278079\*

McGuire Woods LLP  
Suite 1800  
1750 Tysons Boulevard  
McLean, VA 22102

Date Mailed: 07/10/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$98.
  - \$18 for 1 total claims over 20.
  - \$80 for 1 independent claims over 3 .
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 938.**

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

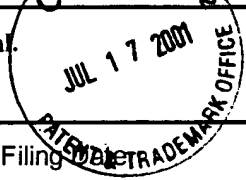
PART 2 - COPY TO BE RETURNED WITH RESPONSE

07/18/2001 KZENDIE 00000121 09853622  
01 FC:101 710.00 00 00 00  
02 FC:105 130.00 00 00 00  
03 FC:102 80.00 00 00 00  
04 FC:103 18.00 00 00 00

HA

#3 Sector

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------------------|----------------------------------------|
| <b>Response To Notice To File Missing Parts Of Application</b><br><b>Filing Date Granted (PTO-1533) (Large Entity)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                  |                        | <b>Docket No.</b><br><b>NEC2370-US</b> |
| In Re Application Of: Hayashi et al.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                  |                        |                                        |
| <b>Serial No.</b><br>09/853,622                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Filing Date</b><br>05/14/2001 | <b>Examiner</b><br>N/A | <b>Group Art Unit</b><br>1762          |
| Invention: <b>MAGNETORESISTIVE EFFECT SENSOR, METHOD FOR MANUFACTURING A MAGNETORESISTIVE EFFECT SENSOR, MAGNETORESISTIVE DETECTION SYSTEM, AND MAGNETORESISTIVE RECORDING SYSTEM</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                  |                        |                                        |
| <p style="text-align: center;"><u>TO THE ASSISTANT COMMISSIONER FOR PATENTS:</u><br/><u>Box Missing Parts</u></p> <p>This is a response to the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533) mailed on <u>07/10/2001</u><br/>Date</p> <p>Enclosed herewith for filing are the following:</p> <ul style="list-style-type: none"><li><input checked="" type="checkbox"/> A copy of the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533). <b>(REQUIRED)</b></li><li><input checked="" type="checkbox"/> An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date.</li><li><input type="checkbox"/> A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date.</li><li><input type="checkbox"/> An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date.</li><li><input type="checkbox"/> A verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the United States Patent and Trademark Office.</li><li><input checked="" type="checkbox"/> Other (list):</li></ul> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"><p><b>Assignment Recordation Form Cover Sheet</b><br/><b>Assignment</b><br/><b>Check in the amount of \$40.00 to cover assignment recordation</b></p></div> |                                  |                        |                                        |



#3

**Response To Notice To File Missing Parts Of Application  
Filing Date Granted (PTO-1533)(Large Entity)**

Docket No.  
**NEC2370-US**

In Re Application Of: **Hayashi et al.**

Serial No.  
**09/853,622**

Filing Date  
**05/14/2001**

Examiner  
**N/A**

Group Art Unit  
**1762**

Invention: **MAGNETORESISTIVE EFFECT SENSOR, METHOD FOR MANUFACTURING A  
MAGNETORESISTIVE EFFECT SENSOR, MAGNETORESISTIVE DETECTION SYSTEM, AND  
MAGNETORESISTIVE RECORDING SYSTEM**

**TO THE ASSISTANT COMMISSIONER FOR PATENTS:**

**Box Missing Parts**

☒ Completion of application fees as calculated below:

☒ Utility application filing fee **\$710.00**

☐ Design application filing fee

☒ Total number of independent claims = **4** **\$80.00**

☒ Total number of claims = **21** **\$18.00**

☐ Multiple dependent claims

☒ Surcharge for late payment of filing fee and/or late filing of original declaration or oath **\$130.00**

☐ Petition and fee for filing by other than all the inventors or a person not the inventor

☐ Fee for processing an application filed with a non-English language specification

☐ Fee for processing and retention of application

Total completion of application fees **\$938.00**

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the above-identified Notice to File Missing Parts of Application. The requested extension is as follows (check time period desired). If an additional time extension is required, please consider this a petition therefor.

☐ One month ☐ Two months ☐ Three months ☐ Four months ☐ Five months

from: \_\_\_\_\_ until: \_\_\_\_\_  
Date Date

Total time extension fees \_\_\_\_\_

Total fees due **\$938.00**

**Response To Notice To File Missing Parts Of Application  
Filing Date Granted (PTO-1533) (Large Entity)**

Docket No.  
**NEC2370-US**

In Re Application Of: **Hayashi et al.**

Serial No.  
**09/853,622**

Filing Date  
**05/14/2001**

Examiner  
**N/A**

Group Art Unit  
**1762**


Invention: **MAGNETORESISTIVE EFFECT SENSOR, METHOD FOR MANUFACTURING A  
MAGNETORESISTIVE EFFECT SENSOR, MAGNETORESISTIVE DETECTION SYSTEM, AND  
MAGNETORESISTIVE RECORDING SYSTEM**

**TO THE ASSISTANT COMMISSIONER FOR PATENTS:**

**Box Missing Parts**

The fee of **\$938.00** is to be paid as follows:

- ☒ A check in the amount of the fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. **23-1951**  
A duplicate copy of this sheet is enclosed.
- ☐ If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. **23-1951**  
A duplicate copy of this sheet is enclosed.

  
*Signature*

Dated: **July 17, 2001**

**Michael E. Whitham  
Reg. No. 32,635  
McGuireWoods, LLP  
1750 Tysons Blvd., Suite 1800  
McLean, VA 22102-4215  
(703) 712-5000**

I certify that this document and fee is being deposited on \_\_\_\_\_  
with the U.S. Postal Service as first  
class mail under 37 C.F.R. 1.8 and is addressed to the  
Assistant Commissioner for Patents, Washington, D.C.  
20231.

*Signature of Person Mailing Correspondence*

**Hand Delivered**

*Typed or Printed Name of Person Mailing Correspondence*

CC: